

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**February**

**2007**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**March 19, 2007**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

**X** An X inside this box indicates that no flooding occurred within this hydrologic service area.

Following a respectable wet January across the HSA, February set much of the region back due to limited moisture. During the first couple of days in February, portions of the Heartland and eastern Concho Valley received 0.50 of an inch to over 1.50 inches of precipitation. Lighter amounts ranging from 0.10 to 0.50 of an inch fell across the remainder of the region.

The HSA was beginning to experience improvements from the wet January and early February precipitation events. However, the moisture was shut off and top soils began to dry out, again. Periods of high winds and low relative humidity increased wildfire threats across the area. The dominant impacts of the current drought continue to be on hydrological conditions across the region. Surface water resources continue to suffer from lack of runoff produced from past rainfall events.

The San Angelo Regional Airport received 0.55 inches of precipitation during February, which was 0.63 of an inch below normal for the month. The monthly normal rainfall for San Angelo in February is 1.18 inches.

The Abilene Regional Airport received 0.32 of an inch of precipitation during February, which was 0.81 of an inch below normal for the month. The monthly normal rainfall for Abilene in February is 1.13 inches.

Junction received 0.14 of an inch of rain in February. The estimated average monthly rainfall in February is about one and a half inches.

**Coop Observer Rainfall Totals for February, 2007:**

<b>Station Name</b>	<b>Amt (in)</b>	<b>Station Name</b>	<b>Amt (in)</b>
Abilene 2	0.31	Oak Creek Lake	0.15
Acton Ranch	0.58	Ozona	M
Albany	0.42	Ozona 22SE	0.40
Anson	0.32	Paint Rock	0.36
Ballinger 2NW	0.44	Putnam	0.33
Brady	1.38	Red Bluff Crossing	0.81
Brownwood	0.50	Richland Springs	M
Burkett	0.37	Robert Lee	0.23
Coleman	0.48	Roscoe	0.09
Concho Park	0.71	Rotan	0.34
Eden	0.49	San Angelo 15WNW	0.51
Eldorado	1.15	San Angelo WFO	0.55
Eldorado 10W	1.14	San Saba 7NW	1.06
Eldorado 12N	0.75	Silver Valley	0.48
Fort Griffin	0.19	Sonora	M
Fort McKavett	0.91	Stamford	0.33
Glen Cove	0.43	Sterling City	0.04
Hamlin	0.34	Sterling City 8NE	0.00
Haskell	0.50	Taylor Ranch	0.60
Hords Creek	0.54	Telegraph	0.38
Humble Pump	0.00	Throckmorton 7NE	0.47
Junction 4SSW	0.15	Water Valley	0.37
Lake Abilene 6WNW	0.31	Water Valley 11NE	0.09
Lawn	0.38	Winters	0.52
London 3N	M	Woodson	0.52
Mason	0.28		
Menard	1.31	(M) <i>Missing data</i>	
Merkel 12SW	0.39	(T) <i>Trace</i>	

**Reservoir Conditions (end of February, 2007)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	35,580	51
Lake Stamford	52,700	32,420	63
Hubbard Creek Lake	317,800	149,470	47
Hords Creek Lake	8,800	4,480	55
Lake Brownwood	131,428	91,830	70
E.V. Spence	488,760	66,990	13
O.C. Fisher	119,200	7,770	7
O.H. Ivie	554,340	216,900	39
Twin Buttes	177,800	43,930	25

**Hydro Products Issued**

FFA = 0

FFW = 0

FFS = 0

FLS = 0 (Urban/Small Stream Advisory)

RVS = 0

FLW = 0

ESF = 2 (Drought Statement)

PNS = 2 (Drought Statement)